



04772 U.S.PTO  
021204

Docket No.: 03-MM-06  
(80343003d25)

17497 U.S.PTO  
10/777574  
021204



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Bateman, et al

Serial No. To-Be-Determined

Mail Stop: New Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UTILITY PATENT (Large Entity)  
NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventor(s): Robert Harold Bateman, Martin Green and Jeff Brown

For (title): ION DETECTOR

1. Cross Referenced To Related Applications. This application claims priority from United Kingdom Patent Application GB 0303310.7, filed 13 February 2003, GB 0308592.5, filed 14 April 2003 and U.S. Provisional Patent Application 60/447,753, filed 19 February 2003. The contents of these applications are incorporated herein by reference.

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**CERTIFICATION UNDER 37 C.F.R. 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as papers enclosed therein are being deposited with the United States Postal Service on this 12 of February 2004, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL908622076US, addressed to the: Mail Stop: New Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By: Robert Crivello  
Print Name: ROBERT CRIVELLO



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2. Papers Enclosed:

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153

67 Pages of specification  
19 Pages of claims  
1 Abstract sheet  
12 Drawing sheets – Fig. 1 – Fig. 14B  
99 Total

3. Fee Calculation (37 C.F.R. 1.16 ) utility application

**CLAIMS AS FILED**

Number of Claims	Rate	Basic Fee
		37 C.F.R. 1.16(a) \$770.00
Total: 86 claims		
<u>Claims (37 CFR 1.16(c) 86 -20 = 66×</u>	<u>\$ 18.00</u>	<u>1188.00</u>
Independent: 12 claims		
<u>Claims (37 CFR 1.16(b) ) 12 -3 = 9 ×</u>	<u>\$ 86.00</u>	<u>774.00</u>
Multiple dependent claim(s), if any (37 CFR 1.16(d) ) +	\$290.00	0
		\$ 1962.00

Payment of Fees:                      Claim fee \$ 1962.00

                            Filing fee \$ 770.00

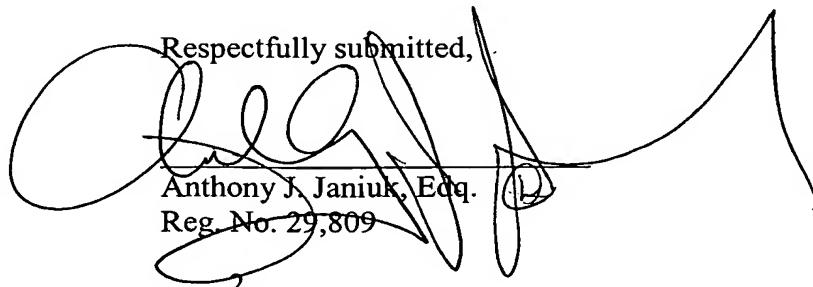
Total                      \$2,732.00

5. Method of Payment of Fees: Please charge account no. 23-0503 in the amount of \$ 2,732.00. In the event, Applicant is mistaken as to the calculation of fees, Applicant authorizes the Commissioner to charge any additional fees to Account No. 23-0503.

A duplicate of this transmittal is attached.

6. Correspondence: Correspondence should be sent to Anthony J. Janiuk, Esq., Waters Corporation, Legal Department, 34 Maple Street, Milford, Massachusetts 01757, USA.

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Respectfully submitted,  
  
Anthony J. Janiuk, Esq.  
Reg. No. 29,809